

PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

February 12, 2002

(Use several sheets if necessary)

ATTORNEY DOCKET NO.
2825.1018-010

APPLICATION NO.

10/074, 789

APPLICANT

Todd R. Golub, et al.

FILING DATE

February 12, 2002

GROUP

1631

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5,040,133	08/13/91	Feintuch et al.	364	581	
	AB	5,179,643	01/12/93	Homma et al.	395	140	
	AC	5,631,734	05/20/97	Stern et al.	356	317	
	AD	5,734,796	03/31/98	Pao	395	22	
	AE	5,770,722	06/23/98	Lockhart et al.	536	25.3	
	AF	5,819,245	10/06/98	Peterson et al.	706	16	
	AG	5,832,182	11/03/98	Zhang et al.	395	10	
	AH	5,871,697	02/16/99	Rothberg et al.	422	68.1	
	AI	5,925,525	07/20/99	Fodor et al.	435	6	
	AB						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

msy	AR	Borrow, Julian, et al., "The t(7;11)(p15;p15) translocation in acute myeloid leukaemia fuses the genes for nucleoporin NUP98 and class I homeoprotein HOXA9," <i>Nature Genetics</i> , 12(2): 159-167 (1996).
msy	AS	Buccheri, Valeria, et al., "mb-1: A New Marker for B-Lineage Lymphoblastic Leukemia," <i>Blood</i> 82(3): 853-857 (1993).
msy	AT	Chu, S., et al., "The Transcriptional Program of Sporulation in Budding Yeast," <i>Science</i> 282: 699-705 (1998).
msy	AU	Cole, Kristina A., et al., "The genetics of cancer-a 3D model," <i>Nature Genetics</i> 21 38-41 (1999).
msy	AV	Eisen, Michael, B., et al., "Cluster analysis and display of genome-wide expression patterns," <i>Proc. Natl. Acad. Sci.</i> 95: 14863-14868 (1998).
msy	AW	Ermolaeva, Olga, et al., "Data management and analysis for gene expression arrays," <i>Nature Genetics</i> 20: 19-23 (1998).
msy	AX	Huang, Shang-Yi, et al., "Clinical, haematological and molecular studies in patients with chromosome translocation t(7;11): a study of four chinese patients in Taiwan," <i>British Journal of Haematology</i> , 96: 682-687 (1997).
msy	AY	Iyer, Vishwanath R., et al., "The Transcriptional Program in the Response of Human Fibroblasts to Serum," <i>Science</i> 283: 83-87 (1999).

EXAMINER

DATE CONSIDERED

M G Moran

11/18/04

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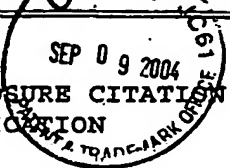

APPLICATION NO.

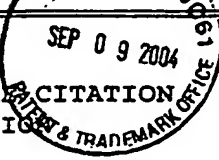
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

my	AZ	Khan, Javed, et al., "Expression profiling in cancer using cDNA microarrays," <i>Electrophoresis</i> 20: 223-229 (1999).
my	AR2	Khan, Javed, et al., "Gene Expression Profiling of Alveolar Rhabdomyosarcoma with cDNA Microarrays," <i>Cancer Research</i> 58: 5009-5013 (1998).
my	AS2	Kononen, Juha, et al., "Tissue microarrays for high-throughput molecular profiling of tumor specimens," <i>Nature Medicine</i> 4: 844-847 (1998).
my	AT2	Kroon, Evert, et al., "Hoxa9 transforms primary bone marrow cells through specific collaboration with Meis1a but not Pbx1b," <i>The EMBO Journal</i> 17(13) 3714-3725 (1998).
my	AU2	Lander, Eric S., "The New Genomics: Global Views of Biology," <i>Science</i> 274: 536-539 (1996).
my	AV2	Nakamura, Takuro, et al., "Fusion of the nucleoporin gene NUP98 to HoXA9 by the chromosome translocation t(7;11)(p15;p15) in human myeloid leukaemia" <i>Nature Genetics</i> 12: 154-158 (1996).
my	AW2	Spellman, Paul T., et al., "Comprehensive Identification of Cell Cycle-regulated Genes of the Yeast <i>Saccharomyces cerevisiae</i> by Microarray Hybridization," <i>Molecular Biology of the Cell</i> 9(12) 3273-3297 (1998).
my	AX2	Tamayo, Pablo, et al., "Interpreting patterns of gene expression with self-organizing maps: Methods and application to hematopoietic differentiation," <i>Proc. Natl. Acad. Sci.</i> 96: 2907-2912 (1999).
my	AY2	Tavazoie, Saeed, et al., "Systematic determination of genetic network architecture," <i>Nature Genetics</i> 22: 281-285 (1999).
my	AZ2	Törönen, Petri, et al., "Analysis of gene expression data using self-organizing maps," <i>FEBS Letters</i> 451: 142-146 (1999).
my	AR3	Watson, Andrew, et al., "Technology for microarray analysis of gene expression," <i>Biotechnology</i> 9: 609-614 (1998).
my	AS3	Yang, George P., et al., "Combining SSH and cDNA microarrays for rapid identification of differentially expressed genes," <i>Nucleic Acids Research</i> 27(6): 1517-1523 (1999).
my	AT3	"Affymetrix Launches New Genome Scanning Genechip® Expression Products," [online], September 1998 [retrieved on 1998-10-14]. Retrieved from the Internet:<URL: http://www.affymetrix.com/press/pr980918.html
EXAMINER <i>MG Moran</i>		DATE CONSIDERED <i>11/18/04</i>

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION February 12, 2002 (Use several sheets if necessary)		APPLICANT Todd R. Golub, et al.		FILING DATE February 12, 2002	
		GROUP 163			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
msy	AU3	Stipp, D., "Gene Chip Breakthrough," [online], March 1997 [retrieved 1998-10-15]. Retrieved from the Internet:<URL: http://www.pathfinder.com/@@NJCl1CgcAlQLIOjs3/fortune/1997/970331/bio.html			
msy	AV3	Zheng, P. et al., "Proto-oncogene PML controls genes devoted to MHC class I antigen presentation," Nature 396:373-376, (11/26/98).			
msy	AW3	Lockhart, D.J. et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," Nature Biotechnology, 14:1675-1680, (December 1998).			
msy	AX3	DeRisi, J.L. et al., "Exploring the Metabolic and Genetic Control of Gene Expression on a Genomic Scale," Science, 278:680-686, (October 1997).			
msy	AY3	Lashkari, D.A. et al., "Yeast microarrays for genome wide parallel genetic and gene expression analysis," Proc. Natl. Acad. Sci. USA, 94:13057-13062 (November 1997).			
msy	AZ3	Miyata, Y. et al., "Phosphorylation of the immunosuppressant FK506-binding protein FKBP52 by casein kinase II: Regulation of HSP90-binding activity of FKBP52," Proc. Natl. Acad. Sci. USA, 94:14500-14505, (December 1997).			
msy	AR4	Kok, K. et al., "A gene in the chromosomal region 3p21 with greatly reduced expression in lung cancer is similar to the gene for ubiquitin-activating enzyme," Proc. Natl. Acad. Sci. USA, 90:6071-6075 (July 1993).			
msy	AS4	Wodicka, L. et al., "Genome-wide expression monitoring in Saccoromyces cerevisiae," Nature Biotechnology, 15:1359-1367 (December 1997).			
msy	AT4	Jin, Y. et al., "Molecular cloning of a 25-kDa high affinity rapamycin binding protein, FKBP25, J.Bio.Chem., 267(16):10942-10945, (1992).			
	AU4	Pennisi, E., "DNA Chips Give New View of Classic Test," Science, 283:17-18, January 1999.			
msy	AV4	Jobson, J.D., "Cluster Analysis" in Applied Multivariate Data Analysis, Volume II: Categorical and Multivariate Methods, (NY:Springer-Verlag) pp. 518-568 (1992).			
	AW4	Gordon, A.D., in Classification--Methods for the Exploratory Analysis of Multivariate Data, (NY:Chapman and Hall) pp. 1-53.			
msy	AX4	Kohonen, T., Self-Organizing Maps, 2nd Edition, T.S. Huang et al., eds. (NY: Springer-Verlag, 1997), pp XIII-XVIII only			
EXAMINER				DATE CONSIDERED 11/18/04	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
msm	AY4	Loos, H.S. and B. Fritzke, "DemoGNG (Version 1.5), [online] [Retrieved 1999-01-29]. Retrieved from the Internet:<URL: http://www.neuroinformatik.ruhr-uni-bochum.de/ini/VDM/research/gns/DemoGNG/GNG.html			
msm	AZ4	Kaski, S. et al., "Bibliography of Self-Organizing Map (SOM) Papers: 1981-1997," [online] September 1998 [retrieved on 1999-03-05]. Retrieved from the Internet:<URL: http://www.icsi.berkeley.edu/~jagota/NCS/VOL1/P4_html/voll_4.html			
msm	AR5	Cho, R. et al., "A genome-wide transcriptional analysis of the mitotic cell cycle," Molecular Cell, 2:65-73 (July 1998).			
msm	AS5	de Thé, H. et al., "The PML-RAR Fusion mRNA Generated by the t(15;17) Translocation in Acute Promyelocytic Leukemia Encodes a Functionally Altered RAR, Cell, 66:675-684 (August 1991).			
msm	AT5	Hartigan, J., "Clustering" in Clustering Algorithms, (NY:J. Wiley, 1975) pp. 1-27, 155-176.			
msm	AU5	Bamdad, C., "Surface Plasmon Resonance for Measurements of Biological Interest" in Current Protocols in Molecular Biology, (John Wiley & Sons, Inc.) pp. 20.4.1-20.4.12 (1997)			
	AV5	Eisen, M.B. et al., "Cluster analysis and display of genome-wide expression patterns," Proc. Natl. Acad. Sci. USA, 95:14863-14868 (December 1998).			
msm	AW5	Jain, A.K. and R.C. Dubes, Algorithms for Clustering Data, (Prentice-Hall), pp. 1-27, 118-142, 262-274 (1988).			
msm	AX5	Kakizuka, A. et al., "Chromosomal translocation t(15;17) in human acute promyelocytic leukemia fuses RAR with a novel putative transcription factor, PML," Cell, 66:663-674 (August 1991).			
msm	AY5	Höhfeld, J. et al., "Hip, a Novel Cochaperone Involved in the Eukaryotic Hsc70/Hsp40 Reaction Cycle," Cell, 83:589-598 (November 1995).			
msm	AZ5	Yoshida, H. et al., "Accelerated Degradation of PML-Retinoic Acid Receptor (PML-RARA) oncoprotein by All-trans-Retinoic Acid in Acute Promyelocytic Leukemia: Possible Role of Proteasome Pathway," Cancer Res., 56:2945-2948 (July 1996).			
msm	AR6	Höhfeld, J. and S. Jentsch, "GrpE-like regulation of the hsc70 chaperone by the anti-apoptotic protein BAG-1, EMBO Journal, 16(20):6209-6216 (1997).			
msm	AS6	Russell, L. and D. Forsdyke, "A Human Putative Lymphocyte G0/G1 Switch Gene Containing a CpG-rich Island Encodes a Small Basic Protein with the Potential to Be Phosphorylated," DNA AND CELL BIOL., 10(8):581-591, (1991).			
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AT6	Oliva, M. et al., "Promoter regulation of a differentially expressed gene in the human colonic epithelial cell lines HT29-18 and HT29-18-C1, Gene 159(1):151-157 (1995).
AUG	Beck, S. et al., "DNA Sequence Analysis of 66 kb of the Human MHC Class II Region Encoding a Cluster of Genes for Antigen Processing," J. Mol. Biol. 228:433-441 (November 1992).
AV6	"GeneChip Probe Array Synthesis," [online] March 1998 [retrieved on 1998-10-15]. Retrieved from the Internet:<URL: http://www.affymetrix.com/technology/synthesis.html
AW6	Chu, S. et al., "The Transcriptional Program of Sporulation in Budding Yeast," Science, 282, 10/23/98 (pp. 699-705).
AX6	Kalocsai, P., et al., "Visualization and analysis of Gene Expression Data," Journal of the Association for Laboratory Automation 4(5): 58-61 (1999).
AY6	Miyakis, et al., "Differential Expression and Mutation of the ras Family Genes in Human Breast Cancer," Biochemical and Biophysical Research Comm., 251: 609-612 (1998).
AZ6	Shiosaka, T. and Tanaka, Y., "Expression of Selected Genes and Oncogenes in Differentiated HL-60 Cells and Primary Cells from Human Leukemias," Anticancer Research, 9:1249-1264 (1989).
AR7	Ben-Dor, A., et al., "Tissue Classification with Gene Expression Profiles," Journal of Computational Biology, 7(3/4) 559-583 (2000).
AS7	Xiong, M., et al., "Computational Methods for Gene Expression-Based Tumor Classification," Biotechniques, 29: 1264-1270 (2000).
AT7	Dougherty, E., "Small sample issues for microarray-based classification," Comparative and Functional Genomics, 2: 28-34 (2001).
AU7	Park, et al., "A Nonparametric Scoring Algorithm for Identifying Informative Genes From Microarray Data," Pacific Symposium on Biocomputing, pp. 52-63 (2001).
AV7	Watson, M. A., et al., "Gene Expression Profiling with Oligonucleotide Microarrays Distinguishes World Health Organization grade of Oligodendrogliomas," Cancer Research, 61: 1825-1829 (2001).

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